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Quick Start Guide



ULTRALINK ULM300USB

High-Performance 2.4 GHz Digital Wireless System with Handheld Microphone and Dual-Mode USB Receiver

A54-00001-48685

behringer.com



ULTRALINK ULM300USB Hook-Up

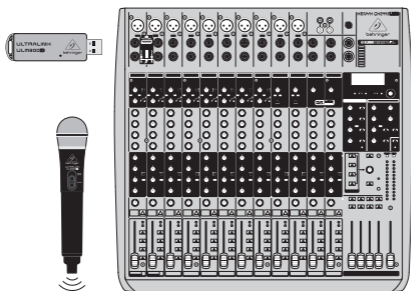
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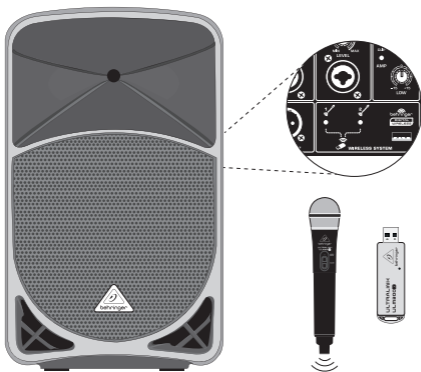
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XENYX QX2442USB

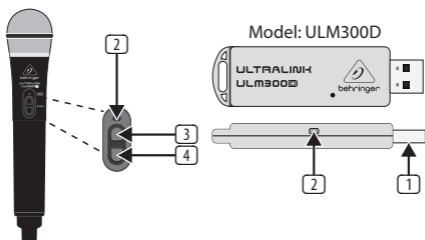


B115MP3



Laptop

Model: ULM300M



Type of product: Wireless Microphone

ULM300USB Controls

1. USB connector
2. **POWER/STATUS LED**
3. **VOLUME UP** Button (—Power on/-Volume up/-Unmute)
4. **VOLUME DOWN** Button (-Volume down/—Mute/
—Power off from Mute)

NOTE: “—” (long dash) = long press; “-” (hyphen) = short press.

LED Status Key

The following table describes LED behavior on both the microphone and the USB wireless receiver:

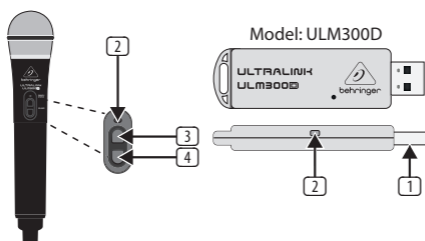
Activity	LED Color	LED Behavior
No Signal	Amber	Flashes on/off slowly
Connected, Active	Green	Solid
Connected, Muted	Green	Flashes on/off quickly
Connected, Active, Low Battery	Green/Red	Alternating colors
Connected, Muted, Low Battery	Green/Red	Alternating colors, flashes on/off

ULM300USB Getting Started

1. Plug the USB wireless receiver to the designated USB socket on wireless-enabled BEHRINGER mixers, powered speakers or other compatible products, or to a USB port on a computer. The POWER/STATUS LED on the receiver will slowly flash amber.
2. Press and hold the VOLUME UP button on the wireless microphone to switch it on and commence transmission. Both the LEDs on the wireless microphone and USB wireless receiver will light solid green once connected.
3. Once switched on, the wireless microphone will be set at its previous operating volume level. Use the VOLUME UP and VOLUME DOWN buttons to adjust the volume.
4. A long press of the VOLUME DOWN button will put the wireless microphone into mute. The mute condition is indicated by rapid green flashing of the LED. If the user does not unmute within 10 minutes, the wireless microphone will power down to save battery life.
5. A further long press of the VOLUME DOWN button when in mute will switch off the wireless microphone.
6. A short press of the VOLUME UP button will unmute the wireless microphone. When the wireless microphone is un-muted, it will return to the previous volume level.

ULM300USB Controles

Model: ULM300M



ES

Tipo de producto: Micrófono inalámbrico

Controles del ULM300USB

1. Conector USB
2. Piloto **POWER/STATUS**
3. Botón **VOLUME UP** (—Encendido/-Subir volumen/-Reactivar)
4. Botón **VOLUME DOWN** (-Bajar volumen/—Anulación (mute)/—Apagado desde mute)

NOTA: “—” (guión largo) = pulsación prolongada;
“-” (guión) = pulsación breve.

Clave de estado del piloto

La tabla siguiente describe el comportamiento del piloto tanto en el micrófono como en el receptor inalámbrico USB:

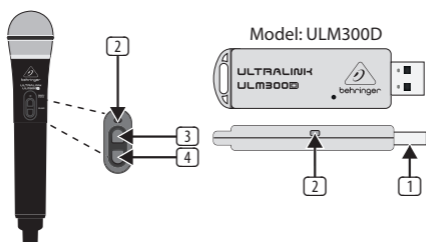
Actividad	Color del piloto	Comportamiento del piloto
Sin señal	Naranja	Parpadeo lento
Conectado, activo	Verde	Iluminado fijo
Conectado, anulado (mute)	Verde	Parpadeo rápido
Conectado, activo, batería casi descargada	Verde/rojo	Colores alternando
Conectado, anulado (mute), batería casi descargada	Verde/rojo	Colores alternando, parpadeo

ULM300USB Primeros pasos

1. Conecte el receptor inalámbrico USB en la toma USB especificada de las mesas de mezclas, altavoces autoamplificados u otros productos compatibles y con capacidad inalámbrica BEHRINGER o en un puerto USB de un ordenador. El piloto POWER/STATUS del receptor comenzará a parpadear lentamente en color naranja.
2. Mantenga pulsado el botón VOLUME UP del micrófono inalámbrico para encenderlo y que comience la transmisión. Tanto el piloto del micrófono inalámbrico como el del receptor inalámbrico USB se quedarán iluminados fijos en color verde una vez que ambas unidades estén conectadas.
3. Una vez encendido, el micrófono inalámbrico se ajustará al último nivel de volumen fijado. Use los botones VOLUME UP y VOLUME DOWN para modificar ese nivel de volumen.
4. Una pulsación prolongada del botón VOLUME DOWN hará que el micrófono inalámbrico quede anulado (mute). Esta condición será indicada por un rápido parpadeo del piloto en color verde. Si el usuario no reactiva el micro en los 10 minutos siguientes, el micro se apagará automáticamente para ahorrar batería.
5. Una pulsación más larga del botón VOLUME DOWN mientras está desactivado (mute) hará que el micrófono inalámbrico se apague totalmente.
6. Una pulsación breve del botón VOLUME UP hará que el micro se reactive. Cuando el micrófono inalámbrico sea reactivado volverá al nivel de volumen elegido previamente.

ULM300USB Réglages

Model: ULM300M



FR

Type de produit : micro sans fil

ULM300USB Réglages

1. Connecteur USB
2. LED **POWER/STATUS**
3. Bouton **VOLUME UP** (— Mise sous tension/- Monter le volume/
- Quitter le mode Mute)
4. Bouton **VOLUME DOWN** (- Baisser le volume/— Mode Mute/
— Mise hors tension à partir du mode Mute)

Remarque : "—" = pression longue ; "-" = pression courte.

LED Status

Le tableau ci-dessous décrit les différents états de la LED du micro et du récepteur USB sans fil:

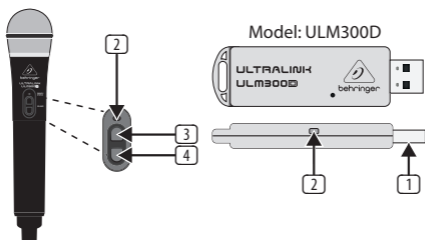
Activité	Couleur de la LED	État de la LED
Pas de signal	Orange	Clignote lentement
Connecté, actif	Vert	Allumée en continu
Connecté, mode Mute	Vert	Clignote rapidement
Connecté, actif, batterie faible	Vert/rouge	Alterne différentes couleurs
Connecté, mode Mute, batterie faible	Vert/rouge	Alterne différentes couleurs, clignote

ULM300USB Mise en œuvre

1. Connectez le récepteur USB sans fil au port USB correspondant sur une console de mixage, enceinte active ou tout autre produit BEHRINGER compatible avec les micros sans fil, ou encore au port USB d'un ordinateur. La LED POWER/STATUS du récepteur clignote lentement en orange.
2. Maintenez le bouton VOLUME UP du micro enfoncé afin de le mettre sous tension et de démarrer la transmission. La LED du micro et celle du récepteur USB restent allumées en vert lorsque la connexion est établie.
3. Lorsque le micro est activé, son volume est au niveau réglé lors de la précédente utilisation. Utilisez les boutons VOLUME UP et VOLUME DOWN pour régler le volume.
4. Maintenez le bouton VOLUME DOWN enfoncé pour placer le micro en mode Mute. Lorsque la fonction Mute est activée, la LED clignote rapidement en vert. Si le mode Mute n'est pas désactivé au bout de 10 minutes, le micro sans fil est placé automatiquement hors tension pour économiser la batterie.
5. Une pression longue sur le bouton VOLUME DOWN lorsque le micro est en mode Mute permet de le mettre hors tension.
6. Une pression sur le bouton VOLUME UP permet de désactiver le mode Mute. Lorsque le mode Mute est désactivé, le volume du micro revient au dernier niveau réglé.

ULM300USB Bedienelemente

Model: ULM300M



Produkttyp: Drahtlosmikrofon

ULM300USB Bedienelemente

1. USB-Anschluss
2. **POWER/STATUS-LED**
3. **VOLUME PLUS**-Taste (—Einschalten/-Volume plus/
-Stummschaltung aus)
4. **VOLUME MINUS**-Taste (-Volume minus/—Stummschaltung/
—Ausschalten nach Stummschaltung)

HINWEIS: "—" (langer Strich) = lange drücken;
"-." (kurzer Strich) = kurz drücken.

LED Status-Legende

Die folgende Tabelle beschreibt das Verhalten der LED am Mikrofon und am USB-Drahtlosempfänger:

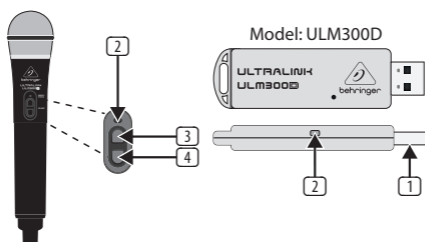
Aktivität	LED-Farbe	LED-Verhalten
kein Signal	gelb	blinkt langsam ein/aus
verbunden, aktiv	grün	leuchtet
verbunden, stumm	grün	blinkt schnell ein/aus
verbunden, aktiv, Batterie schwach	grün/rot	wechselnde Farben
verbunden, stumm, Batterie schwach	grün/rot	wechselnde Farben, blinkt ein/aus

ULM300USB Erste Schritte

1. Schließen Sie den USB-Drahtlosempfänger an den für den Drahtlosempfang vorgesehenen USB-Port von BEHRINGER Mixern, Aktivlautsprechern und anderen kompatiblen Produkten oder an den USB-Port eines Computers an. Die POWER/STATUS-LED des Empfängers blinkt langsam gelb.
2. Halten Sie die VOLUME PLUS-Taste des Drahtlosmikrofons gedrückt, um es einzuschalten und die Übertragung zu starten. Sobald die Verbindung hergestellt ist, leuchten die LEDs des Drahtlosmikrofons und USB-Drahtlosempfängers konstant grün.
3. Nach dem Einschalten ist das Drahtlosmikrofon auf seine vorherige Betriebslautstärke eingestellt. Sie können den Pegel mit den VOLUME PLUS- und VOLUME MINUS-Tasten ändern.
4. Halten Sie die VOLUME MINUS-Taste gedrückt, um das Drahtlosmikrofon stummzuschalten. Die Stummschaltung wird durch schnelles grünes Blinken der LED angezeigt. Wenn die Stummschaltung nicht innerhalb von 10 Minuten aufgehoben wird, schaltet sich das Drahtlosmikrofon aus, um die Batterien zu schonen.
5. Halten Sie die VOLUME MINUS-Taste nochmals gedrückt, um das stummgeschaltete Mikrofon auszuschalten.
6. Ein kurzer Druck auf die VOLUME PLUS-Taste hebt die Stummschaltung des Drahtlosmikrofons wieder auf. Danach ist das Drahtlosmikrofon wieder auf seine vorherige Lautstärke eingestellt.

ULM300USB Controles

Model: ULM300M



Tipo do produto: Microfone sem fio

Controles ULM300USB

1. Conector USB
2. LED **POWER/STATUS**
3. Botão **VOLUME UP** (—Power on/-Volume up/-Unmute)
4. Botão **VOLUME DOWN** (-Volume down/—Mute/—Power off from Mute)

NOTA: “—” (traço longo) = pressionar demoradamente;
“-” (hífen) = pressionar rapidamente.

Chave de Status de LED

A tabela a seguir descreve o comportamento do LED no receptor do USB sem fio e microfone:

Atividade	Cor do LED	Comportamento do LED
Sem sinal	Âmbar	Pisca on/off vagarosamente
Conectado, Ativo	Verde	Sólido
Conectado, em modo Mute	Verde	Pisca on/off rapidamente
Conectado, Ativo Bateria baixa	Verde/ Vermelho	Cores alternadas
Conectado, em modo Mute, Bateria baixa	Verde/ Vermelho	Cores alternadas, pisca on/off

ULM300USB Primeiros Passos

1. Conecte o receptor USB sem fio à soquete USB designada em misturadores BEHRINGER habilitados para uso wireless, alto-falantes amplificados ou outros produtos compatíveis, ou a uma porta USB no seu computador. O LED POWER/STATUS no receptor piscará vagarosamente em cor âmbar.
2. Aperte e segure o botão VOLUME UP no microfone sem fio para ligá-lo e iniciar a transmissão. Ambos os LEDs no receptor USB sem fio e microfone sem fio acenderão uma luz verde sólida quando estiverem conectados.
3. Quando ligado, o microfone sem fio estará ajustado ao seu nível de volume operacional anterior. Use os botões VOLUME UP e VOLUME DOWN para ajustar o volume.
4. Apertar o botão VOLUME DOWN demoradamente coloca o microfone sem fio em modo mute. A condição mute é indicada por uma luz verde do LED que pisca rapidamente. Se o usuário não o tirar do modo mute em 10 minutos, o microfone sem fio será colocado em modo de espera para economizar bateria.
5. Um outro apertado demorado no botão VOLUME DOWN enquanto em modo mute desligará o microfone sem fio.
6. Um apertado rápido do botão VOLUME UP retirará o microfone sem fio do modo mute. Quando o microfone sem fio é retirado do modo mute, ele volta ao nível de volume anterior.

Specification

RF output	< 10 dBm (10 mW)
Operating range	60 m (200 ft)*
Dynamic range	93 dB, A-weighted**
Equivalent input noise	-120 dBu
Frequency response (wireless link)	10 Hz – 20 kHz, ± 1 dB**
Sampling rate	48 kHz
Resolution	24-bit
Encoding	4-bit ADPCM (192 kbps)
Latency	14.3 ms
RF frequency	2.4 GHz ISM band (2.404~2.468 GHz, 17 channels)
USB current consumption	70 mA @ 5 VDC
Battery type	2 x AA (LR6) Alkaline cells
Battery life	> 24 hrs

Dimensions (H x W x D)

Microphone	260 x 53 x 53 mm (10.2 x 2.1 x 2.1")
Wireless receiver	8.5 x 76 x 22 mm (0.3 x 3.0 x 0.9")

Weight

Microphone	0.3 kg (0.7 lbs)
Wireless receiver	0.01 kg (0.02 lbs)

*Achievable range will be dependent on nearby sources of RF interference and/or line of sight obstacles.

**Measured from analog input to analog output at maximum level.

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EN



Responsible Party Name: **MUSIC Group Services
NV Inc.**

Address: **5270 Procyon Street
Las Vegas, NV 89118
USA**

Phone Number: **+1 702 800 8290**

ULM300D

complies with the FCC rules as mentioned in the following paragraph:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment.

Important information:

Changes or modifications to the equipment not expressly approved by MUSIC Group can void the user's authority to use the equipment.

Operation in the 2.4 GHz ISM (Industrial, Scientific, Medical) frequency band may be subject to interference from other transmitting equipment operating in this band. In the event of such interference, please verify and reassign the transmitting channels of any potentially interfering transmitting equipment.

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